# Natural Hazards Data Portal Project

The Office of the Chief Information Officer (OCIO) was tasked by the legislature to develop a common data sharing platform for public organizations in Washington to host and share sensitive natural hazards mitigation geospatial data to assist with state hazard risk and resilience mapping/analysis.

## Background

There is no common platform for State, local and higher-education organizations to share existing state geospatial data on natural hazards risks. A lack of data in standardized and compatible formats results in organizations maintaining individual sets of data, creating redundant processes and leads to inconsistencies in how data is reported.

This project will provide consistent natural hazards data for use by state, local and higher-education organizations to support state hazard risks and resilience mapping and analysis.  Legislation has identified $724,000 in funding to create this common platform and has established an expectation for the data platform to be available by June 30, 2023.

If this project is not completed the government organizations who rely on natural hazards mitigation data will continue to have redundant data sets and processes which increases the overall cost to the state to collect and manage the data.

## Vision

A secure common platform will provide sensitive (category 2 and 3) natural hazard mitigation data in standardized and compatible formats for use by the organizations and protect sensitive data needed for risk analyses.

## Objectives

1. Establish a reusable framework, methods and processes on future state priorities that require data sharing across agencies.
2. Implement a secure common platform for organizations to share natural hazards data.
3. Identify, categorize, and publish standardized data.
4. Establish data management and governance.
5. Deliver the reports identified in the legislative proviso.

## Project Duration

This is a 24-month project which started in July 2021 and will continue until June 30th, 2023.

## More Information

If you would like to know more about this project, please reach out to one of the following project team members:

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Current/Proposed
## Technical Approach

### Platform
- Full deployment of ArcGIS Enterprise Portal

### Infrastructure
- Washington State Cloud

### Authentication
- Single-Sign-On via Secure Access Washington (SAW) and/or Active Directory (ADFS)

### Security
- Design satisfies the Office of Cyber Security (OCS) Requirements for Category 2 & 3 data access.